

FIG. 1A

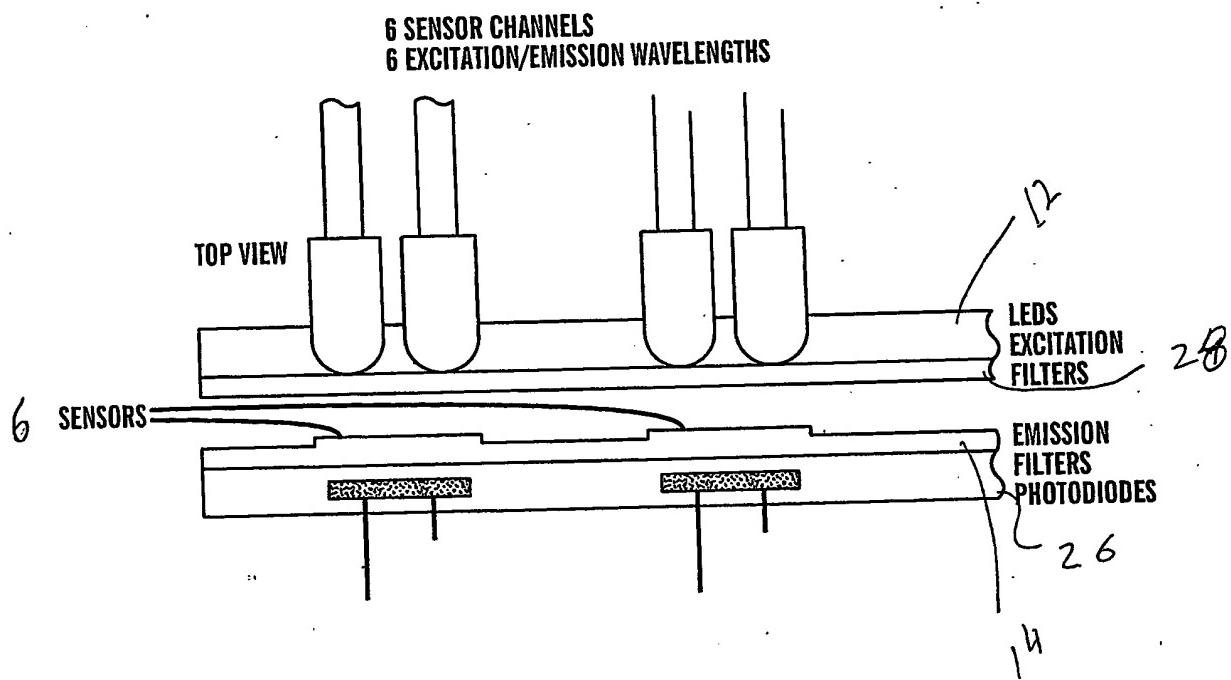
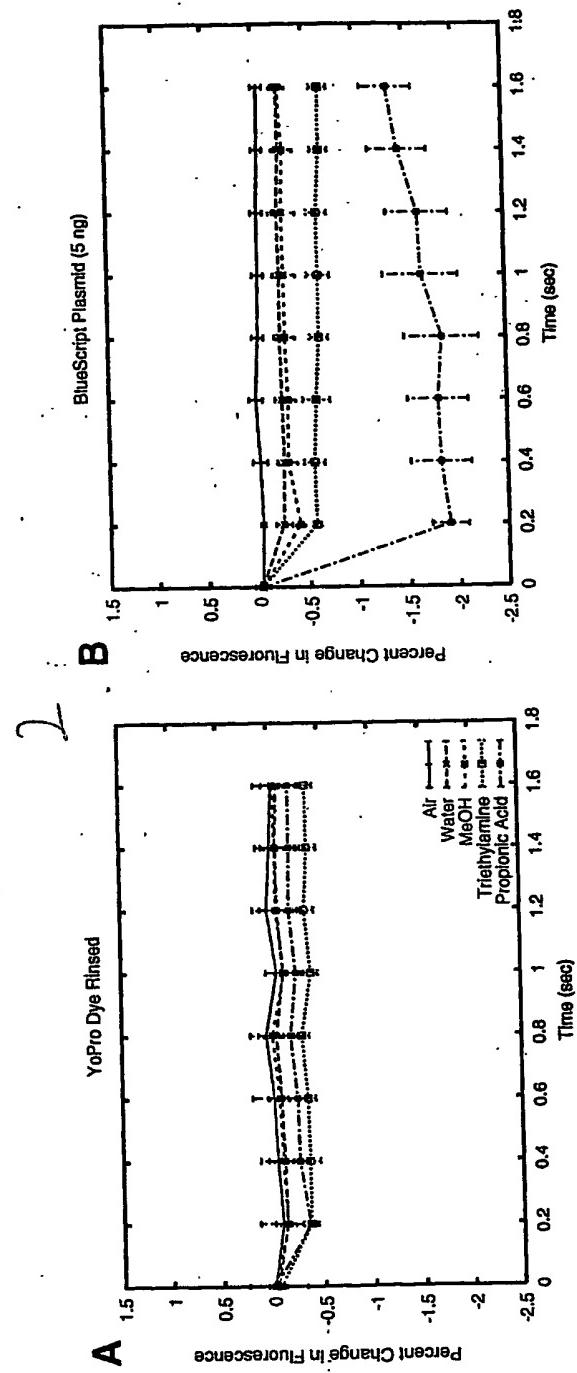


FIG. 1B



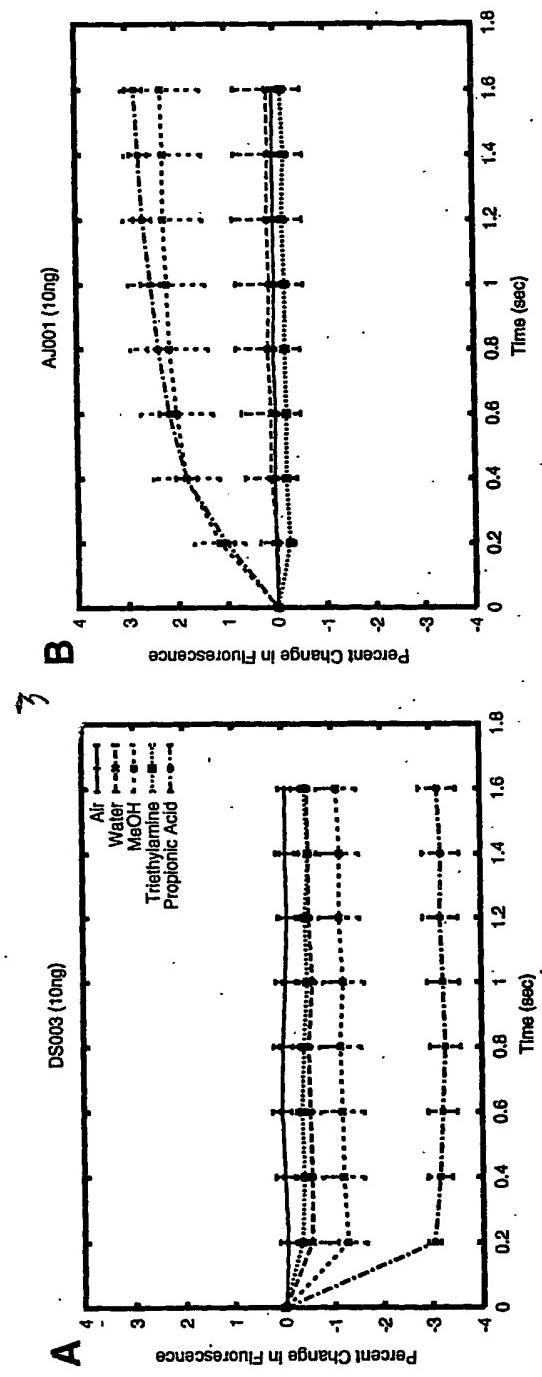


FIGURE 3

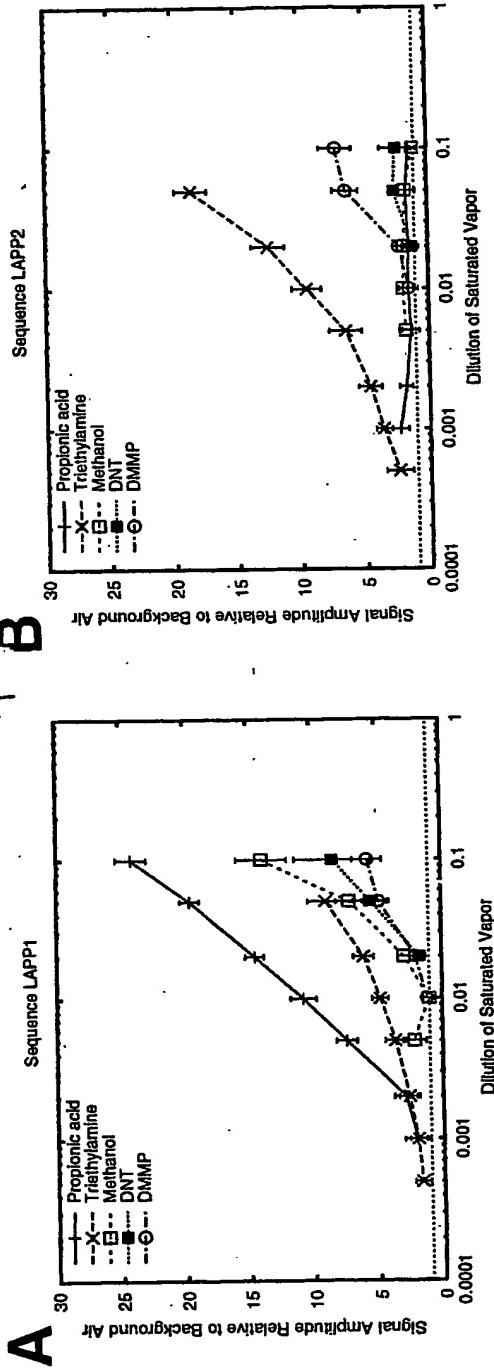


Figure 4

BEST AVAILABLE COPY

WO 2004/048937

PCT/US2003/038186

6/12

BEST AVAILABLE COPY

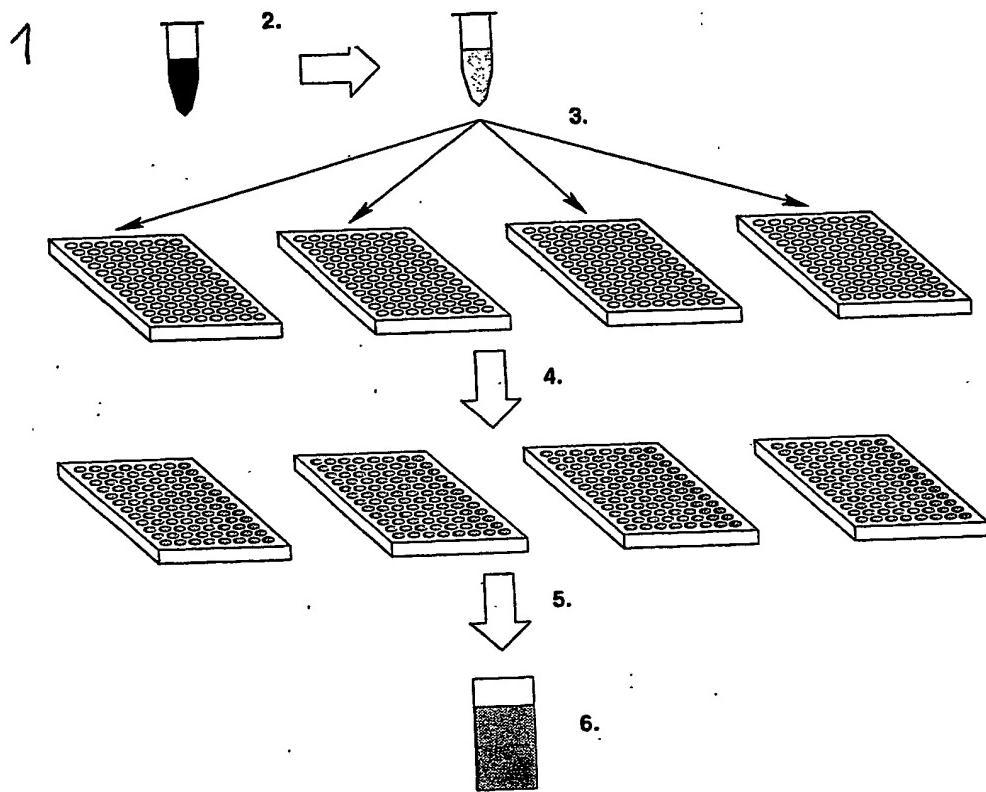
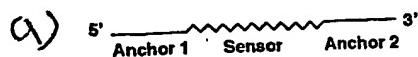
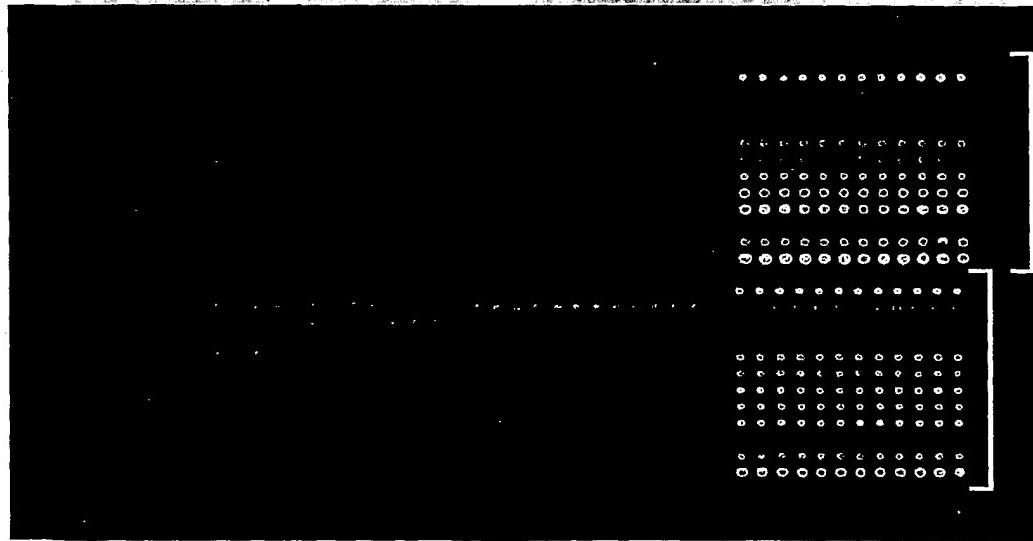
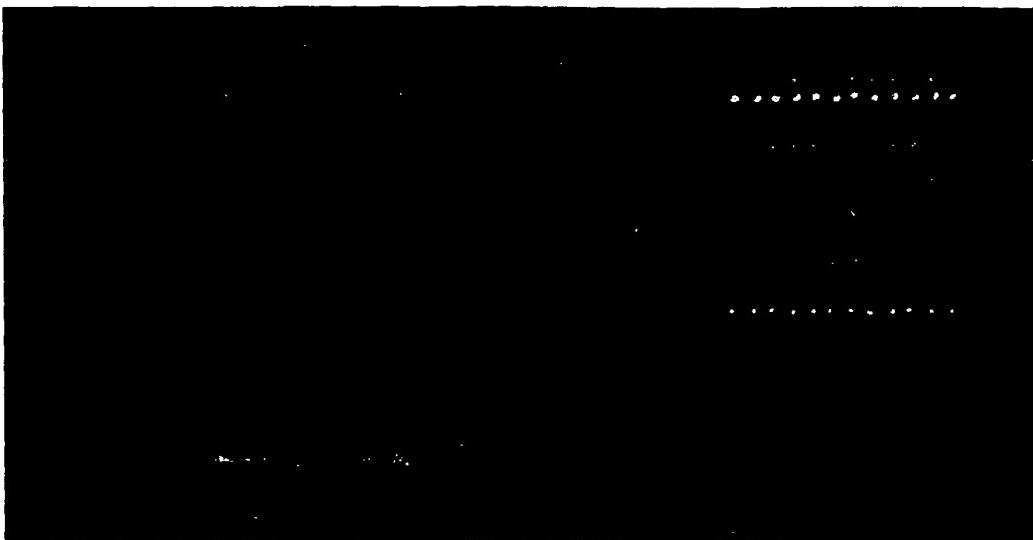


FIGURE 5

BEST AVAILABLE COPY

Water Na Mg

Rep 1

Rep 2

FIGURE 6 -

BEST AVAILABLE COPY

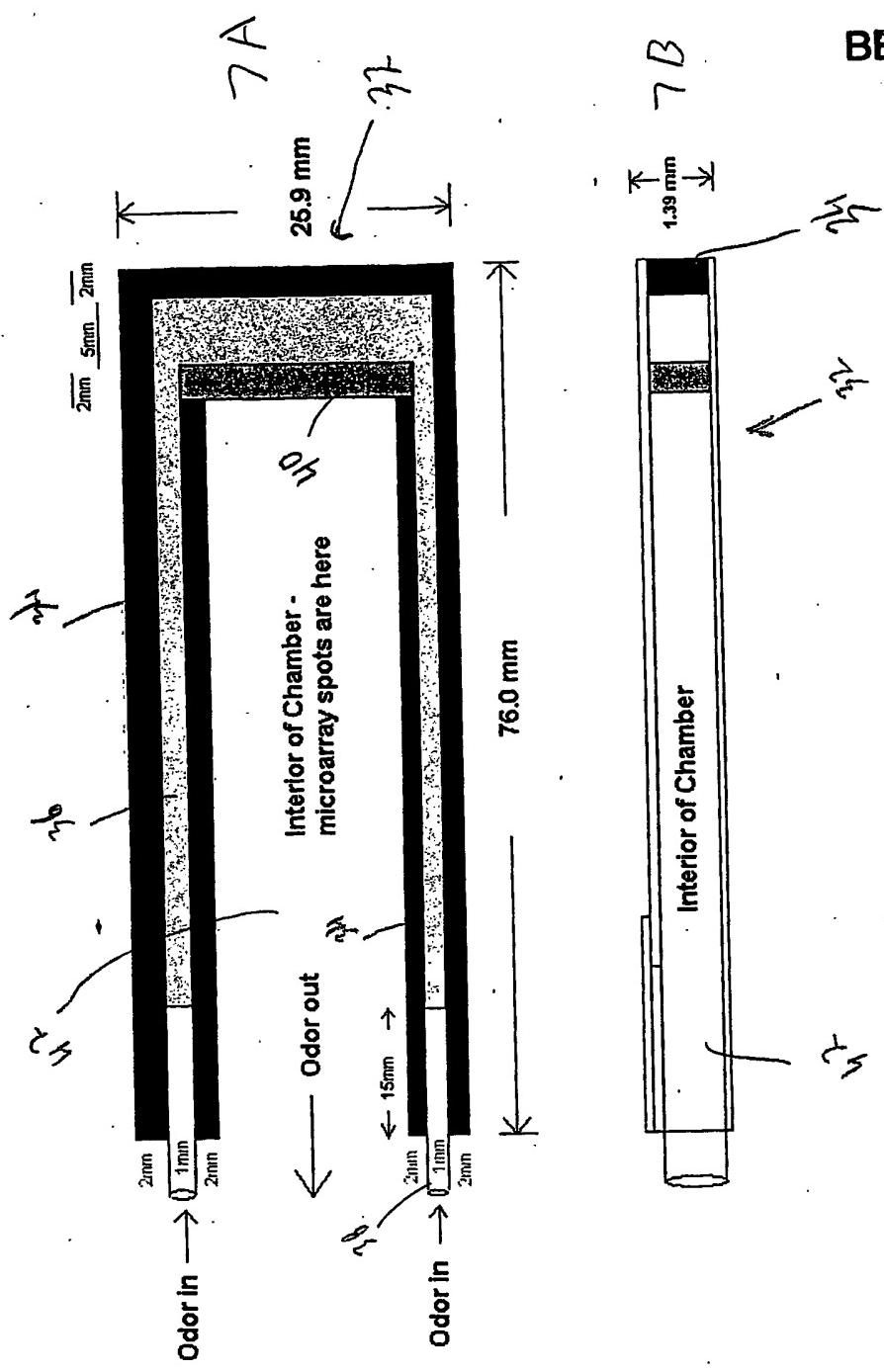


FIGURE 7

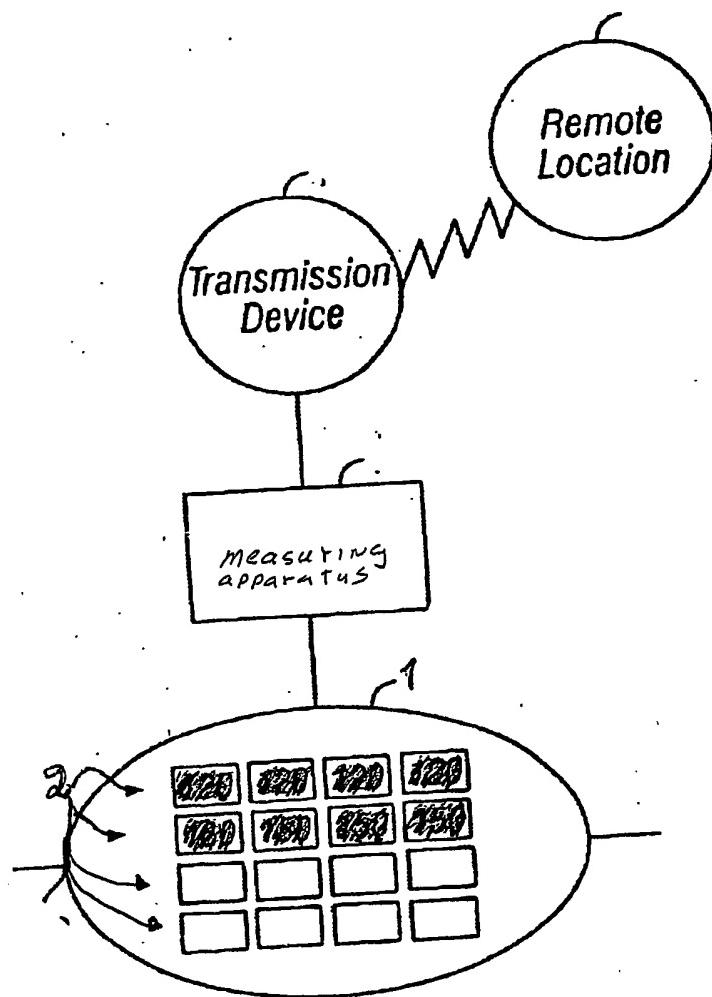


FIGURE 8

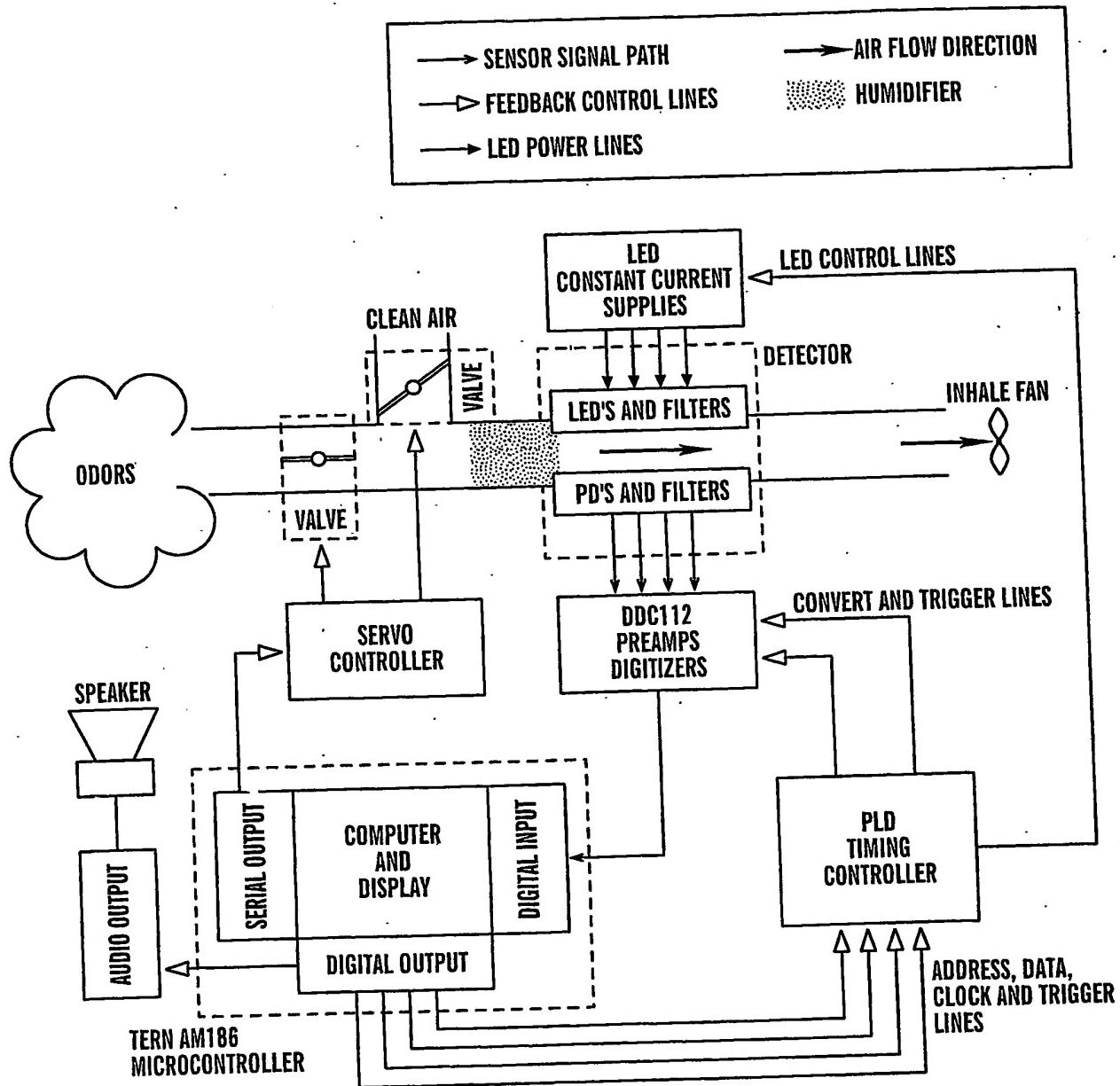


FIG. 9

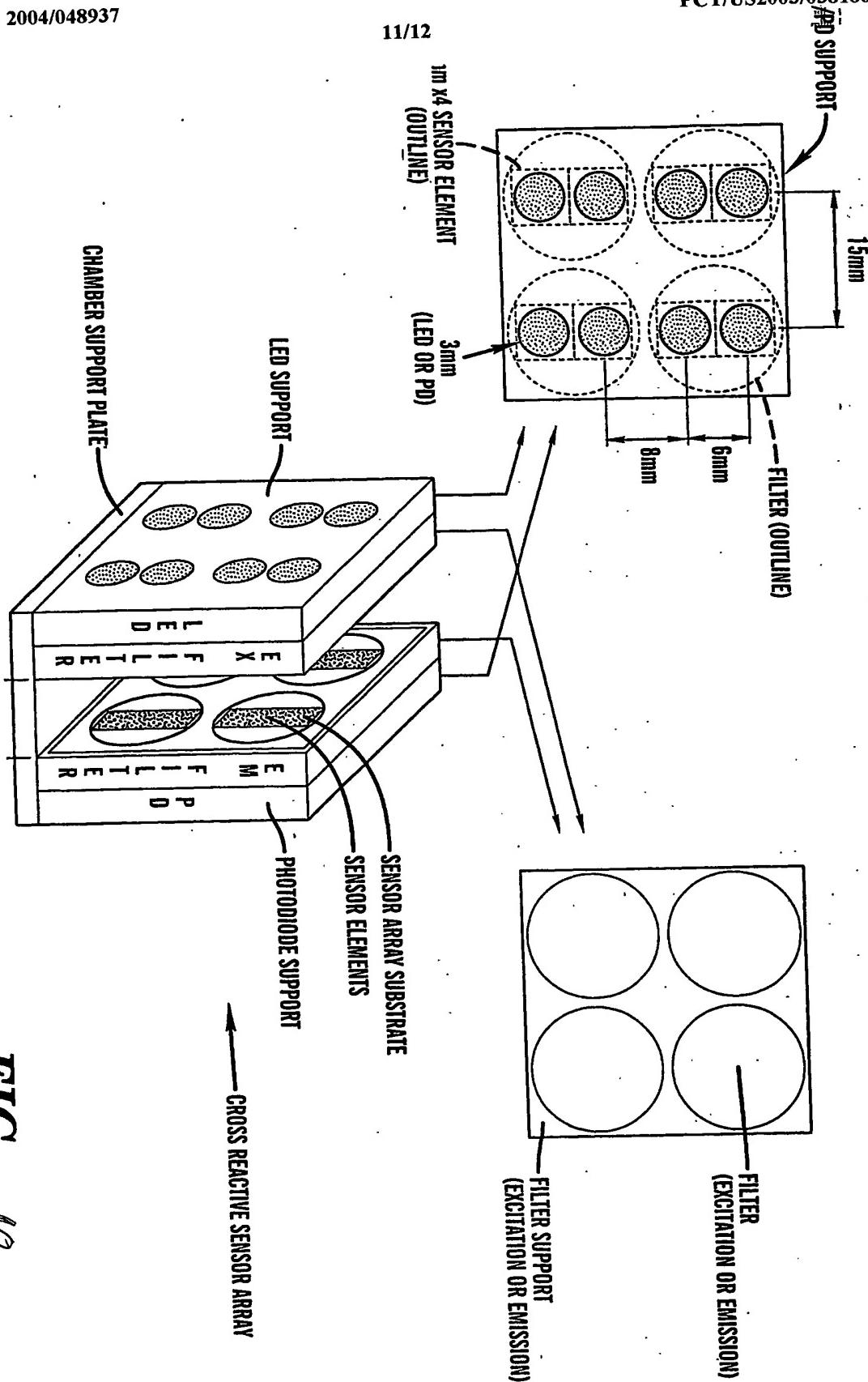


FIG. 10

BEST AVAILABLE COPY

WO 2004/048937

PCT/US2003/038186

12/12

Primer Random (20-mer) Anchor
5' T(15)CC ----- AAACATTGCGAAGAAA 3' (SEG ID NO:8)

Fig. 11

Primer Random Anchor
T(15)CC → A AACATTGCGAAGAAA (SEG ID NO:9)
T(15)CC ----- T TTGTAACGCTTCTTT (SEG ID NO:10)
A(15)GG ----- ← T*TTGTAACGCTTCTTT (SEG ID NO:11)

Fig. 12